



ecology and environment, inc.

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International Specialists in the Environment

MEMORANDUM

TO: Paul Doherty, RPO
THRU: John Caoile, FITOM *SM/jc*
FROM: Steven Vaughn, E & E/FIT
DATE: June 14, 1988

SUBJECT: Comments on the Reassessment of the Preliminary Assessment of
Abex Corporation in Wellston, Missouri
TDD #F-07-8804-040 PAN #F07Z132PA
Superfund Contact: Gene Gunn
CERCLIS #MOD031003767

Site: Abex Corp - St Louis
ID #: MOD031003767
Break: 1.5
Other: 6-14-88

INTRODUCTION

The Region VII U.S. Environmental Protection Agency (EPA) tasked the Ecology and Environment, Inc., Field Investigation Team (E & E/FIT) through Technical Directive Document (TDD) #F-0-7-8804-040 to conduct a preliminary assessment reevaluation of the Abex Corporation site, located in Wellston, Missouri.

SITE HISTORY

In July 1980, Abex first notified EPA of hazardous waste activity at this site pursuant to RCRA section 3010. In November 1980, Abex applied for a Part A permit for storage, transport, and treatment of hazardous materials. This application listed six wastes; arsenic, cadmium, chromium, lead, quench water containing cyanide, and emission control dust/sludge from the primary production of steel. Some of these waste were stored on-site in the Sand Dump Area before being hauled to a landfill. In January 1981, Abex informed the EPA that their operations did not involve any cyanide containing quench water and the plant is a secondary foundry. In September 1982, Abex sent a letter to EPA stating that independent analysis performed on their waste streams subsequent to the Part A application demonstrated that the wastes were not hazardous and that the facility was no longer in operation. Therefore, Abex withdrew their Part A permit application. A review of the EPA and MDNR files indicates that the facility has not generated any hazardous waste since the effective date of RCRA; however, it is unknown what types of waste may have been placed in the Sand Dump prior to RCRA regulation.

RECOMMENDATIONS

It is our recommendation that the present status and condition of the facility be determined and that samples be collected from the sand dump to determine if any contamination exists. All work on this site can be conducted on a low to medium priority (SI) basis.